

Agenda: Xenomonitoring for Lymphatic Filariasis

December 20-21, 2011

Emory Conference Center, Atlanta, GA

DAY 1: December 20th

Time	Agenda item	Presenter
8:30 – 9:00	Opening Introductions & administrative announcements Review meeting objectives: <ul style="list-style-type: none"> ▪ Review experiences from recent xenomonitoring studies; ▪ Suggest approaches for future studies; ▪ Identify needs and opportunities for evolving xenomonitoring methods as complements or alternatives to human sampling 	
9:00 – 16:30 <u>Presentation of results of xenomonitoring studies:</u> (a) sampling procedures used, including total number of mosquitoes, mosquitoes/pool and # of pools per sample site; (b) prevalence estimates in mosquitoes and comparison with or implications concerning estimates of human prevalence (adult and child); (c) major logistical or other obstacles; (d) suggestions for future studies. 20 minutes presentation, 10 minutes discussion		
9:00 – 10:30	India-Pondicherry (<i>Culex</i>) Sri Lanka (<i>Culex</i>): Gates RCC data Sri Lanka, Egypt (<i>Culex</i>): DOLF data	Subramanian Laney/Ramakrishna Weil
10:30 – 11:15	Break and group photo	
11:15 – 12:45	American Samoa (<i>Aedes</i>) PNG (<i>Anopheles</i>) Nigeria (<i>Anopheles</i>)	Schmaedick/Won Bockarie/Weil Alphonsus
12:45 – 13:45	Lunch	
13:45 – 14:15	Ghana (<i>Anopheles</i>) <ul style="list-style-type: none"> - Comparison of LF prevalence in <i>Culex</i> and <i>Anopheles</i> collected in knock down and gravid trap sampling at same households 	Boakye
14:15 – 14:45	Overview of traps for 3 vector species of mosquitoes. Estimates of the average traps/team/day which can be placed and harvested. Recommendations for improving trapping methods.	White
14:45 – 15:15	Break	
15:15 – 15:45	Estimating prevalence in mosquitoes. Sampling strategies and use of PoolScreen for analysis of results.	Unnasch/Katholi
15:45 – 16:30	General review and discussion of results	

Please join us for a group dinner at Le Giverny restaurant at 18:00.

DAY 2: December 21st

Time	Agenda item	Presenter
8:00 – 09:00 (Optional)	<i>Teleconference on the development of an “LF Entomology” document with WHO</i>	<i>Ichimori</i>
20 minutes presentation, 10 minutes discussion		
9:00 – 09:30	Perspectives on PCR analysis. Current costs, challenges; future developments and implications for capacities in developing countries.	Williams/Pilotte
9:30 – 10:00	Roles of L3 analysis, ATP, and other indicators used in Oncho and implications for their usefulness in LF. Recommendations for future studies.	Cupp
10:00 – 10:30	<i>Break</i>	
10:30 – 11:00	RT-PCR assay in LF for L3 transmission assessment. Recommendations for future studies.	Laney
11:00 – 11:30	Transmission monitoring and DNA in vector and non-vector mosquitoes. Recommendations for future studies.	Fischer
11:30 – 12:00	Sampling issues: application of mosquito LF prevalence in national programs; generic protocol; geographic/population sizes of areas to sample. Recommendations for future studies.	Henderson
12:00 – 12:30	The use of xenomonitoring to inform policy on MDA in urban areas in West Africa	Sesay/Bockarie
12:30 – 13:30	<i>Lunch</i>	
13:30 – 14:00	General discussion, conclusions and recommendations	
14:00	Close	